



DVD ISO AS

May we take this opportunity to thank you for purchasing this DVD player. We strongly suggest that you carefully study these operating instructions before attempting to operate the unit, and that you note the listed precautions.

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PRECAUTIONS

Please read these precautions before using this unit.

- To avoid any malfunctions of the unit, and to protect against electric shock, fire or personal injury, please observe the following:
 - Hold the plug firmly when connecting or disconnecting the AC power cord.
 - Keep the AC power cord away from heating appliances.
 - Never put any heavy object on the AC power cord.
 - Do not attempt to repair or change the AC power cord in any way.
- Avoid placing the unit in areas of:
 - Direct sunlight.
 - High temperature (over 35°C).
 - High humidity.
 - In a dusty environment.
- When the unit is not being used, turn it off. If it is to be left unused for a long period of time, the unit should be unplugged from the household AC outlet.
- Touching internal parts of this unit is dangerous, and may cause serious damage to the unit. Do not attempt to disassemble the unit.
- Do not put any foreign object on the disc tray.
- Keep the unit away from flower vases and other sources of water, if liquids are spilled into the unit, serious damage could occur.
- Keep magnets, or magnetised objects, away from the unit.
- Place the unit in a horizontal position, and do not place anything heavy on top of it.
- Moisture may form inside the player under the following conditions:
 - Immediately after a heater has been turned on.
 - In a steamy, or very humid, room.
 - When the unit is suddenly moved from a cold environment to a warm one.
- If moisture forms on this unit, it may not operate properly. In this case, turn off the power and wait for the moisture to evaporate.
- Depending on the reception condition of the TV, interference may appear on the TV while you watch a TV broadcast and the DVD is left on. This is not a malfunction of the DVD or the TV. Under these circumstances turn off the DVD.

SAFETY INFORMATION

CAUTION: This unit employs a laser. Due to possible eye injury, only qualified service personnel should remove the cover or attempt to service this device. Use of controls, adjustments, or performance of procedures other than those specified here-in, may result in hazardous radiation exposure.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against interference in a residential installation. This equipment generates, uses, and can radiate, radio frequency energy and, if not installed and used in accordance with the instructions, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

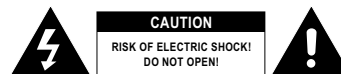
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a mains circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

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This product incorporates copywrite protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by MacroVision Corporation and other rights owners. Use of this copywrite protection technology must be authorised by MacroVision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorised by MacroVision Corporation. Reverse engineering or disassembly is prohibited.

WARNING: To reduce the risk of fire, electric shock or annoying interference, do not expose this appliance to rain or moisture and only use the recommended accessories.

CAUTION: To reduce the risk of electric shock, do not remove the cover. No user serviceable parts inside. Refer to qualified service personnel for servicing.



CAUTION: VISIBLE AND INVISIBLE LASER RADIATION WHEN OPENED AVOID EXPOSURE TO BEAM (WARNING LOCATION: INSIDE ON LASER COVER SHIELD).



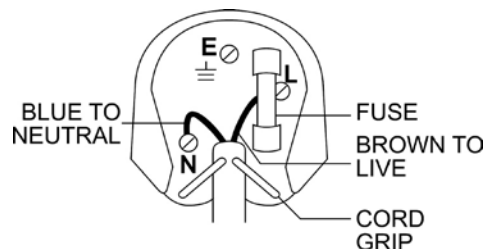
IMPORTANT SAFETY INSTRUCTIONS:

- Read and keep these instructions available for future reference.
- Heed all warnings.
- For indoor use only.
- Do not use this apparatus where it might get damp.
- Clean only with a dry cloth.
- Do not block any of the ventilation openings, install in accordance with all instructions.
- Do not install near any heat sources such as radiators or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being damaged.
- Only use attachments / accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way; such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- This DVD player is double insulated, when servicing use only identical replacement parts.

UK MAINS PLUG DETAILS

For your convenience a mains plug with a fuse (3 Amp) has been fitted to this appliance. For your safety please observe the following information. The DVD player is designed to operate on AC mains supply at 230 volts, 50 Hz. The wires in the mains lead are coloured in accordance with the following code:

BLUE: NEUTRAL
BROWN: LIVE



FEATURES

DVD: A completely new dimension in video entertainment.

- Subtitles may be displayed in one of up to 32 languages.
- The audio soundtrack can be played in many languages (dependant on the DVD disc used).
- The multi-angle function allows you to choose the viewing angle of scenes which were shot from a number of different angles (limited to DVD discs recorded with multiple camera angles).
- **Supports MP3 & DTS playback.**
- **High quality digital audio.**
- The Dolby Digital decoder built into the DVD 150 player makes it possible to enjoy 5.1 Dolby Digital Surround Sound.
- With linear PCM sound from 48 KHz/24 bit through to 96 KHz/24 bit, audio quality exceeds that of an audio CD player.
- **Many convenient features**
- Direct access of favourite scenes (title/chapter/time/track search).
- Parental lock settings to prevent playing discs unsuitable for young viewers (DVD only).
- **Compatible with PAL and NTSC DVD discs**
- This DVD player can be set to play discs in PAL or NTSC format, or both (multi-system). However, the DVD player must be connected to a suitable TV to play PAL DVD disc or NTSC DVD disc.
- Compatible with audio CD, as well as DVD.

DISC FORMATS SUPPORTED BY THIS PLAYER

SUITABLE DISC	DIAMETER / SIDE / LAYER	MAXIMUM PLAYING TIME
	DVD 12cm / Single / Single 12cm / Single / Double 12cm / Double / Single 12cm / Double / Double	MPEG II TYPE 133min (4.7GB)Max 242min (8.5GB)Max 266min (9.4GB)Max 484min (17GB)Max
	CD-DA 12cm / Single / Single	74min Max
	CD-DA 12cm / Single / Single	20min Max
	MP3 8cm / Single / Single 12cm / Single / Single	MPEG I Layer III 640min Max

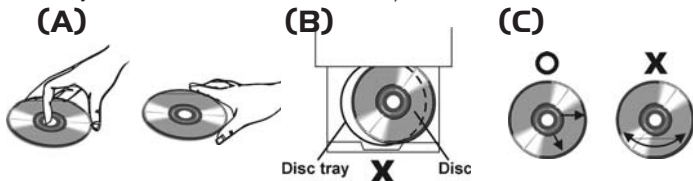
DISC HANDLING AND MAINTENANCE

HANDLING PRECAUTIONS

Hold disc by the edges so the surface will not be soiled by fingerprints. **(A)** Fingerprints, dirt and scratches can cause skipping and distortion. Do not write on the label side with a ball-point pen or other writing instruments. Do not use record cleaning spray, benzene, thinners, static electricity prevention liquids or any other solvents. Be careful not to drop or bend the disc. Do not install more than 1 disc on the disc tray.

Do not try to close the disc tray when the disc is not installed properly **(B)**. Be sure to store the disc in its case when not in use.

If the surface is soiled **(C)** Wipe gently with a soft, damp (water only) cloth. When wiping discs, always move the cloth from the centre hole towards the outer edge. (if you wipe the disc using a circular motion, circular scratches are likely to occur, which will cause noise).



If the disc is brought from a cold to a warm environment, moisture may form on the disc. Wipe the moisture off with a soft, dry, lint-free cloth before using the disc.

IMPROPER DISC STORAGE:

You can damage discs if you store them in the following places:

- Areas exposed to direct sunlight.
- Humid or dusty areas.
- Areas directly exposed to a heat outlet or heating appliance.

DISCS WHICH CANNOT BE PLAYED ON THIS PLAYER:

CDV, CD-G, some rewritable DVDs.

GENERAL MAINTENANCE:

- Be sure to turn the unit off and disconnect the AC power cord before doing any maintenance on the unit.
- Wipe with a dry soft cloth.
- If the surfaces are extremely dirty, wipe clean with a cloth which has been dipped in a weak soap-and-water solution and wrung out thoroughly, and then wipe again with a dry cloth.
- Never use alcohol, benzene, thinners, cleaning fluids or other chemicals. Do not use compressed air to remove dust.

REGION CODING:

Since DVD movies are released at different times around the world, all DVD discs are "region coded" and will only play in a DVD player of the same region. If you try and play a different region disc an error message will be displayed on the TV screen.



The world is divided into 6 main regions, and the discs are identified by the region number superimposed on a world globe:

Region 1	Canada, USA, US Territories.
Region 2	Europe, Middle East (including Egypt).
Region 3	Southeast Asia, East Asia (including Hong Kong).
Region 4	Central America, South America, Mexico, Australia, New Zealand, Pacific Islands, Caribbean.
Region 5	Russian Federation, Africa (not Egypt), North Korea, Mongolia.
Region 6	China.

Please contact your hardware retailer or manufacturer for further information on region codes or RCE - Regional Coding Enhancement.

CONNECTIONS

The DVD 150 features Dolby Digital 5.1 (surround sound) the standard discrete surround-sound configuration of three full-range front channels (front R/L and centre channels) two full-range surround channels (rear R/L) and a bass-only LFE (Low Frequency Effects) or Sub Woofer channel.

CONNECTING YOUR DVD PLAYER TO YOUR AUDIO/VIDEO SYSTEM

SCART

The all-in-one connection SCART lead - contains:

- Composite video signal
- RGB video signal
- Stereo sound (non-decoded sound from the DVD 150 player)
- The simplest installation to most TVs, giving picture and sound from the TV set only.

INDIVIDUAL VIDEO OUTPUTS

- Composite video (CVBS) using single RCA video connector (usually a yellow lead and connector) to send digital video signals to a TV with a digital video input (some TVs have A/V IN sockets - connect V IN to the video output socket on the DVD player).

NOTE: To get the best picture quality use only a digital RCA lead not an audio RCA lead.

- S-video - (4-pin connector) Provides separate video signals (brightness Y and two colour signals C). For TVs with S-video socket.
- Component video (YUV) using three RCA video connector leads, provides component video signals to a suitable TV/monitor.

INDIVIDUAL AUDIO OUTPUTS

- Analogue (decoded) outputs: Six phono sockets for each of the decoded 5.1 channels. Connect to the 6 input sockets on a suitable 5.1 (6 channel) Hi-Fi amplifier, or connect to the 6 channel inputs of a Home Theatre System including the Acoustic Solutions' AS 150, DS 133 and DS 222.

Note: If you do not yet own a Home Theatre System or suitable 6 channel amplifier, you can connect the audio outputs "Front Left and Right" into a conventional stereo Hi Fi amplifier, and setting the DVD player audio to "stereo" (see Set Up menus, page 15) you will enjoy the full DVD sound track in stereo only.

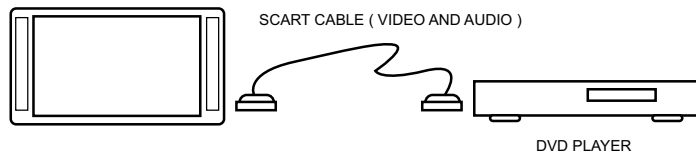
- Digital Audio (RCA coaxial) - all 6 channels (non-decoded) output as one digital audio stream using an RCA lead. Connect to a suitable amplifier with a digital input and a Dolby Digital 5.1 decoder to enjoy full surround sound, or an amplifier with a digital input (no decoder) to enjoy the full sound track in stereo only.
- Digital Audio (Optical) - all 6 channels (non-decoded) output as one digital audio stream. Connect to a suitable amplifier with an optical input and a Dolby Digital 5.1 decoder to enjoy full surround sound.

CAUTION:

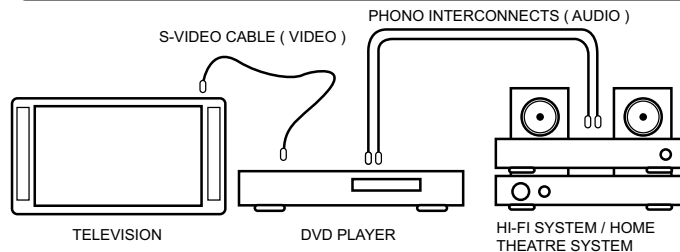
- Do not connect to an amplifier with an optical digital input connector which does not contain a Dolby Digital decoder.
- Audio CDs can be played as they are normally played.

CONNECTIONS

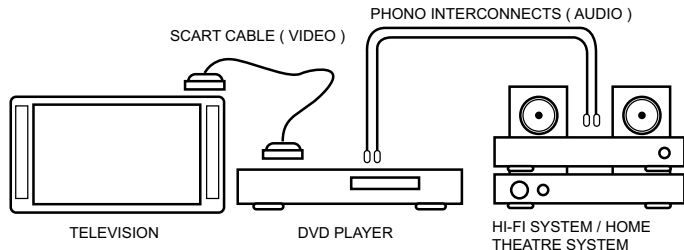
THE BASIC SETUP



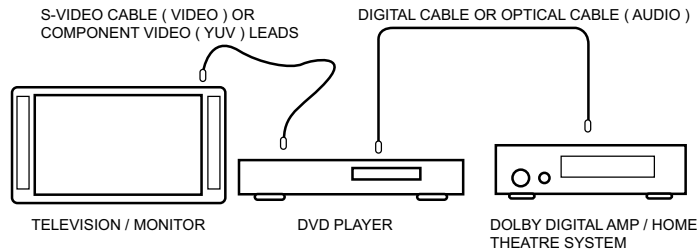
BETTER SOUND AND PICTURE



FOR BETTER SOUND

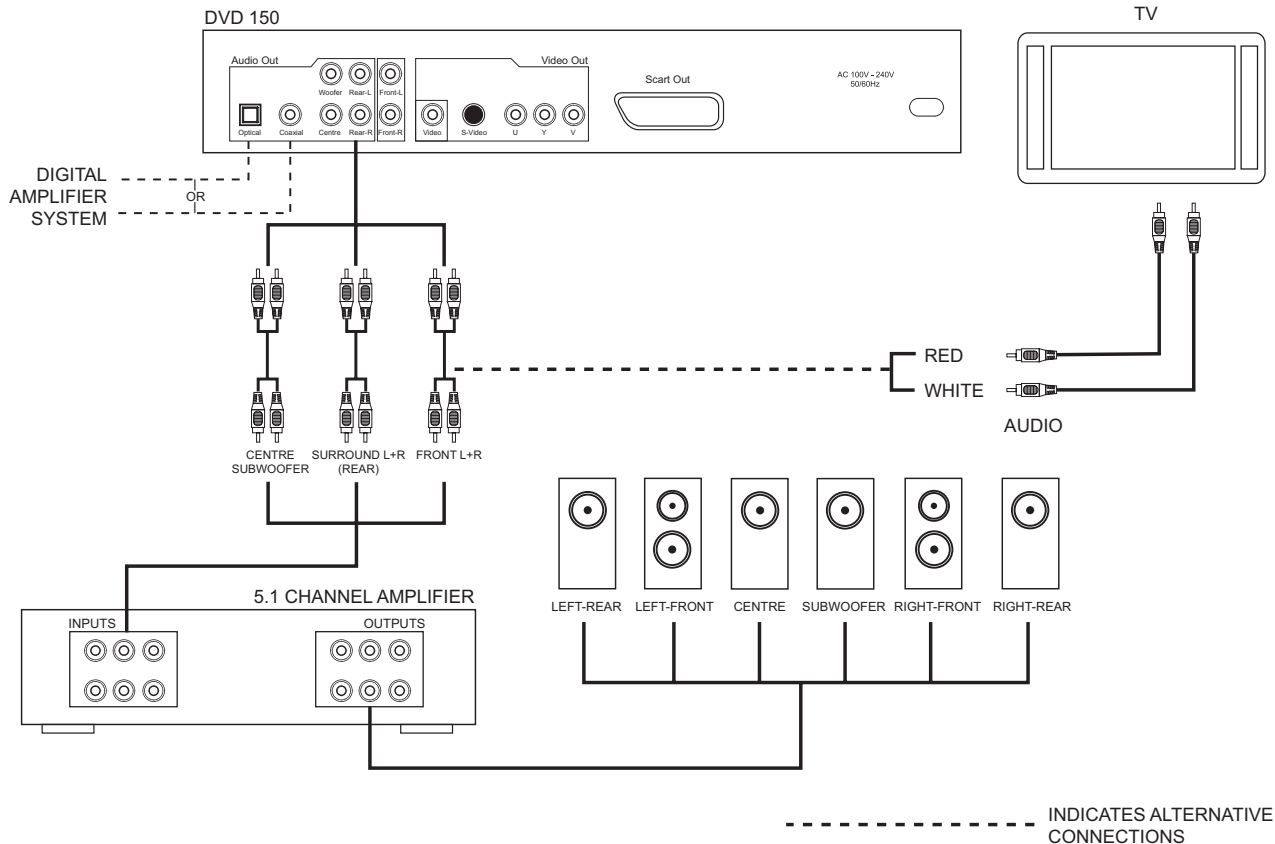


THE ULTIMATE FOR DIGITAL SURROUND SOUND



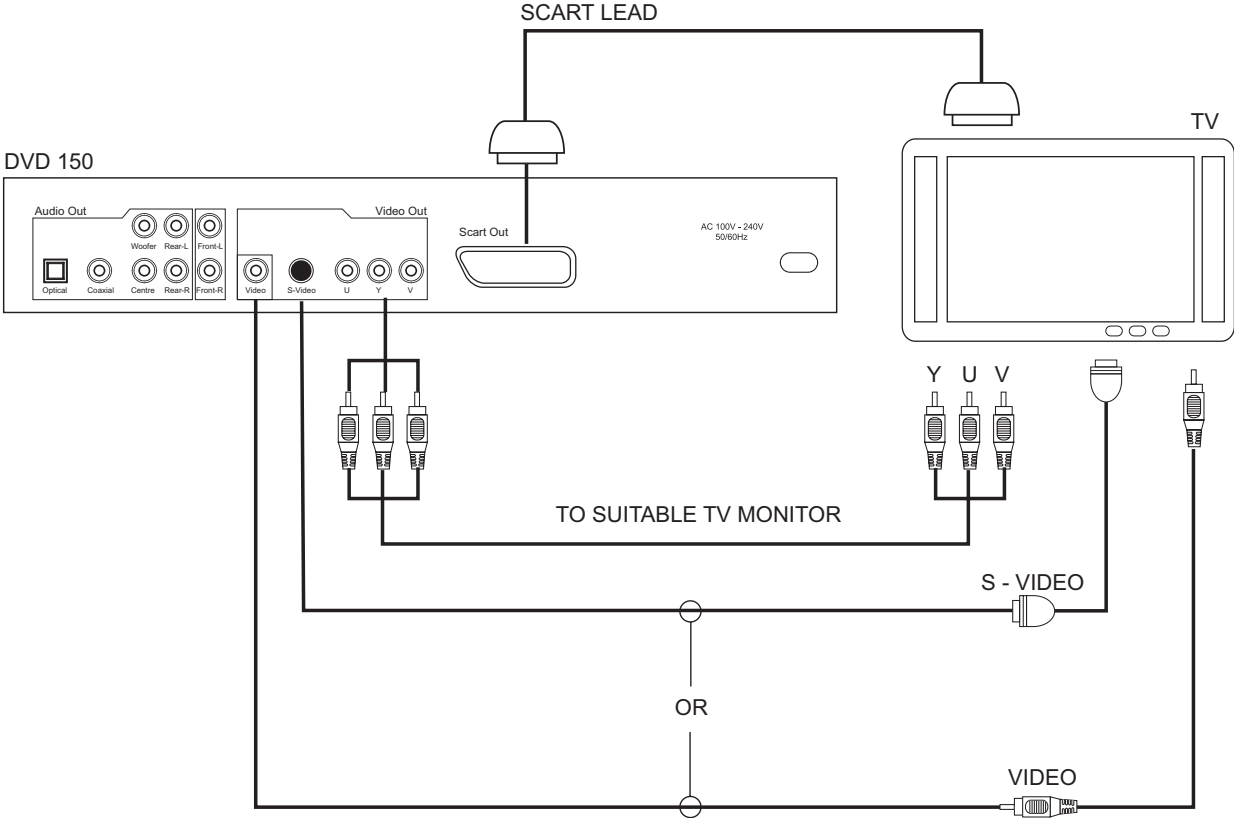
SYSTEM CONNECTION

CONNECTION OPTIONS OF 6 CHANNEL OUTPUT TO HOME THEATRE SYSTEM, WHEN NOT USING A SCART LEAD.



SYSTEM CONNECTION

CONNECTION OPTIONS TO A TV.



REMOTE CONTROL

BATTERY INSTALLATION

Insert the batteries observing the correct (+) and (-) polarities.

- If the remote control unit only works when it is operated near the player, replace the batteries.
- Use size 'AAA' 1.5V batteries.

NOTE

- Do not use rechargeable (Ni-Cd) batteries.
- Do not attempt to recharge or short circuit the batteries.
- Do not drop, step on or otherwise cause shock to the remote control unit. This may damage the unit or lead to malfunctioning.
- Do not mix old and new batteries.
- If the remote control unit is not going to be used for a long time, remove the batteries, otherwise electrolyte may leak causing malfunction, and also burns if skin contact is made with the electrolyte.
- Wipe away any electrolyte leaked inside the remote control unit, and install new batteries.
- If any electrolyte should come into contact with hands, wash it off thoroughly with water.
- If it comes into contact with your eyes or is swallowed, wash thoroughly and seek medical attention.

REMOTE CONTROL OPERATION RANGE


Point the remote control no more than 7 m from the remote control sensor and within about 60° of the front of the unit.

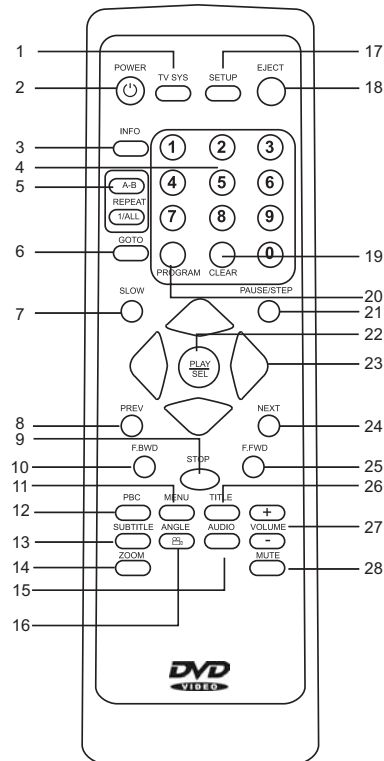
NOTE

- Do not place objects between the remote control unit and the remote control signal sensor.
- Operating this remote control unit while simultaneously operating the remote control unit of any other equipment may cause interference.

REMOTE CONTROL FUNCTIONS

Basic functions can be controlled from the buttons on the front of the DVD player. However the remote controller is needed for advanced operation.

Note: if  appears during remote operation, it means you have selected an option that cannot be performed (limited by the type of disc, etc).














REMOTE CONTROL OPERATION

1. TV SYS. Repeated pressing of TV SYS selects between the TV standards PAL, NTSC or MULTI. Select according to your TV standard.

2. POWER. Switches the device between ON (ready to play discs - green light) and STAND BY (power saving mode - red light).

3. INFO. Pressing INFO once displays disc summary information, pressing twice gives more detailed information on the disc, pressing a third time clears the INFO display. The information displayed corresponds to:

SUMMARY INFORMATION:	
 :OFF	Subtitle track number (or OFF)
 :2	Soundtrack type number
	Elapsed playing time
 :1	Title number
 :3	Chapter number
DETAILED INFORMATION	
 1/4	Title number selected/total number of titles
 3/5	Chapter number selected/total number of chapters
	Elapsed playing time
	TV System selected
 2/4	Soundtrack number/total number of soundtracks
 1/12	Subtitles selected/total number of subtitles
 1/9	Camera angle selected/total number of angles
 DTS	Description of soundtrack selected.

4. NUMERICAL KEY PAD. Numerical key pad used for selecting tracks, entering data, etc.

5. REPEAT A-B AND 1/ALL. To repeatedly play a selected section (A to B) or to repeat the entire disc. Press A-B during playback, at the point where repeat playing is to start. Press A-B again at the point where repeat playing is to stop. Repeat playing of the selected section between points A and B will now start. Press A-B again to cancel repeat playing and return to normal playback (A-B CANCELLED will be displayed on the TV screen). Note that A-B repeat only works within the same chapter of a disc. Repeated pressing of 1/ALL repeats the playback of a chapter, a title, all of the disc, or cancels repeat playing.

Note: that the repeat functions only work on discs that support the display of elapsed playing time on the DVD display.

6. GOTO. To select a scene by title or chapter number during play, press GOTO, select title or chapter number using the right/left arrow keys, enter the desired chapter or title number using the key pad, and press PLAY/SEL to play the required selection. Single digit title/channel numbers are entered using "0" before the number (so chapter 3 is entered as "03"). To select a scene by time (for example to view a scene 1 hour, 50 minutes and 35 seconds from the start of a chapter): Press GOTO twice, and input the starting time using the key pad (in this example enter 0,1,5,0,3,5 for 1 hour, 50 minutes and 35 seconds). Press PLAY/SEL to advance to the required time.

Note: that not all discs support elapsed time display and the GOTO time function.

7. SLOW. Press SLOW for slow speed playback. Repeated pressing of SLOW allows selection of play speed $\times 1/2$, $\times 1/4$, $\times 1/8$, $\times 1/16$, $\times 1/32$ and return to normal playback. Press PLAY/SEL to resume normal playback from any slow speed selection.

8. PREV. Press PREV to skip backwards to previous chapters.

9. STOP. Press STOP once to hold playing, and press PLAY/SEL to resume playing from the same point. Note that the resume point will be stored even if the DVD player is turned OFF. Press STOP twice to completely stop playing the disc.

10. F/BWD (Fast Backward). Fast reverse at x2, x4, x8, x16 and x32 playing speed can be selected by repeatedly pressing F/BWD. Press PLAY/SEL to return to normal playback.

11. MENU. Pressing MENU returns to the ROOT menu to select other titles on a DVD. Press PLAY/SEL to start playback of the selected title.

NOTE: that some discs do not support menu display.

12. PBC. Not applicable on DVD 150.

13. SUBTITLE. Repeated pressing of SUBTITLE allows you to select the desired language of subtitles to be displayed on the TV screen. Selecting SUBTITLE OFF removes subtitles from the display.

NOTE: that some discs do not support subtitles, or not all subtitle languages will be available.

14. ZOOM. Allows you to zoom in to a scene. Repeated pressing of ZOOM allows you to view the scene in x2 and x4 normal size.

NOTE: that zooming into a scene only allows you to view the central area of interest, and the outer parts of the scene will not be viewable. Repeated pressing of ZOOM until ZOOM OFF is displayed will return to normal viewing (x1).

15. AUDIO. To change the soundtrack type or language press AUDIO during playback. Repeatedly press AUDIO until the desired soundtrack type or language is displayed.

NOTE: that the disc played must support multiple soundtrack type and language selection. The main soundtrack types are 2 channel (stereo), DTS 5.1 channel, or 5.1 Dolby Digital. The on-screen display will show all options available for the disc being played.

16. ANGLE. Repeated pressing of ANGLE allows viewing of scenes from different angles. The current selected viewing angle is displayed on the TV screen.

NOTE: that many discs do not support multi-angle display.

17. SET UP. Pressing SET UP at any time allows you to enter the various set up menus (see page 15) During SET UP any disc being played will stop, playback will resume from when SET UP was selected. Press SET UP again to resume playing discs.

18. EJECT. Press EJECT to open the disc tray. Load a disc and press EJECT again to close the tray and read the disc.

19. CLEAR. Use the CLEAR button during data entry (for GOTO or PROGRAM options) to clear entered data.

20. PROGRAM. To program a disc supporting track/chapter programming. Press PROGRAM during play to display the programming menu, and input the required track numbers (using 3 digits for each track number) so enter "001" for track 1, etc. Press PLAY/SEL to enter to the next track number for the program. Press PLAY/SEL twice to play the programmed tracks.

21. PAUSE/STEP. Press PAUSE/STEP once to pause playback. Pressing PAUSE/STEP twice pauses playback and allows you to step forward by one frame each time the PAUSE/STEP button is pressed. Press PLAY/SEL to resume playing at normal speed.

22. PLAY/SEL. Use to start playback or to select options and features, start programmed playback, etc.

23. ARROW KEYS. Use the up, down, left, right arrow keys to navigate menus to select features, options, etc.

24. NEXT. Press NEXT to skip to subsequent chapters.

25. F/FWD (Fast Forward). Fast forward at x2, x4, x8, x16 and x32 playing speed can be selected by repeatedly pressing F/FWD. Press PLAY/SEL to return to normal playback.

26. TITLE. Pressing TITLE during playback of some discs will display the titles of the disc being played. Use the arrows to select the desired title. Press PLAY/SEL to start playback of the selected title.

NOTE: that some discs do not support title display.

27. VOLUME (+ and -). Adjusts the sound output level of the DVD player. Use in conjunction with the TV volume control to set optimum sound level.

28. MUTE. Pressing MUTE turns off the sound output from the DVD player. Pressing MUTE again will restore the sound to the previous level.

VIEWING AND LISTENING

- Switch on the TV, then switch to “VIDEO” or A/V mode.

1. SWITCH ON THE POWER.

- Press the “POWER” switch to activate the device.
- The green light indicates the DVD player is on and ready to play a disc. The blue “DVD” screen will be displayed on the TV.

2. INSERT THE DISC

- Press the “OPEN/CLOSE” button to open the tray. The TV screen and display panel will indicate “OPEN”.
- Insert the disc in the centre of the tray.
- Press the “OPEN/CLOSE” button again, after closing the tray, “CLOSE” will be displayed on the TV screen and on the display panel.
- If the disc supports the “FIRST PLAY” function, the disc will start to play immediately.

3. START PLAYING

- Pressing the “PLAY/SEL” button will start playing the disc.
- If the disc inserted is a DVD disc, the title menu is displayed to select playing or various special playing functions depending on the content of the disc.

4. STOP PLAYING

- Pressing the “STOP” button will immediately stop playing.
- On the display “STOP” will appear.
- Press the “PLAY/SEL” button again to resume playing.
- Press the “STOP” button twice to completely stop playing the disc.

5. REMOVE THE DISC

- Press the “OPEN/CLOSE” button. The screen will display “OPEN”, and the disc can be removed.

6. SWITCH OFF THE POWER/STANDBY

- Pressing “POWER” on the remote will turn the DVD player to “STANDBY”. The green light will turn to red and the TV display will go blank. Reselecting the “POWER” button on the remote will activate the player to “ON”. See “Remote Control” for more advanced controls.

FRONT PANEL DISPLAY

1. DVD indicator

Lights when a DVD is loaded.

2. CD indicator

Lights when a CD is loaded.

3. MP3 disc indicator

Lights when an MP3 disc is loaded

4. Playback indicator

Lights when playing back any disc.

5. PAUSE indicator

Lights when PLAYBACK is paused.

6. TITLE indicator

Indicates which title number is being played back.

7. Chapter/Track indicator

Indicates which chapter or track number is being played back.

8. Disc playing indicator

Lights rotate when a disc is being played back.

9. Counter display

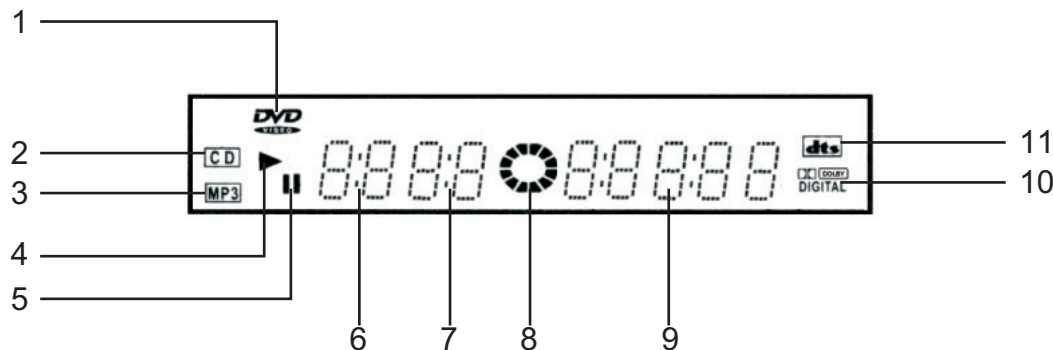
Displays the playback mode, type of disc, playback time, remaining time etc.

10. Dolby Digital indicator

Indicates Dolby Digital sound playback.

11. DTS indicator

Indicates DTS sound playback.



SET UP MENU NAVIGATION

GENERAL SCREEN	FUNCTION
1. LANGUAGE SETUP	Set display / Audio language
2. SCREEN SETUP	Set up TV and display options
3. AUDIO SETUP	Set audio output
4. CUSTOM SETUP	Customisable options

1. LANGUAGE SETUP	OPTIONS
OSD (ON SCREEN DISPLAY)	Select language
MENU	Select menu language
AUDIO	Select source track language
SUBTITLE	Select subtitle language

2. SCREEN SETUP	OPTIONS
TV TYPE	4:3 Pan + Scan / 4:3 Letterbox 16:9 Widescreen
SCREEN SAVER	ON/OFF (Activates after 10 mins)
TY SYSTEM	NTSC / PAL / AUTO
BRIGHTNESS	Normal / Bright / Soft
CONTRAST	Adjusting scale for contrast
VIDEO OUT	YUV / Normal (RGB)

3. AUDIO SETUP	OPTIONS
OUTPUT	2CH (STEREO) / 5.1 / DIGITAL
CENTRE (5.1 ONLY)	ON / OFF
REAR (5.1 ONLY)	ON / OFF
SUBWOOFER (5.1 ONLY)	ON / OFF

4. CUSTOM SETUP	OPTIONS
PARENTAL CONTROL	1. Input password (default is 9999) 2. Select level selection chart (see chart below). 3. press enter (PLAY/SEL)
CHANGE PASSWORD	Customise your own password
ANGLE MARK	ON / OFF (to indicate viewing angle)
DEFAULT	Resets factory settings

Parental control level selection chart.

MPAA RATING	PARENTAL LEVEL	GENERAL DESCRIPTION
	8	Unrated (restricted audience)
NC-17	7	Adult audience
R	6	Mature audience
	5	Mature teenage audience
PG-13	4	Teenage audience
PG	3	Mature young audience
	2	Most audiences
G	1	General (unrestricted audience)

TROUBLE SHOOTING

Before requesting service for this unit, check the chart below for a possible cause of the problem you are experiencing. Some simple checks or a minor adjustment on your part may eliminate the problem and restore proper operation.

In the event of any further problems installing or using the DVD player, please contact either the product retailer or the Acoustic Solutions Help Line on **01327 340601**. Please be advised this line is manned from **9:00am** until **1:00pm** and **2:00pm** until **4:30pm, Mon-Fri**.

PROBLEM	POSSIBLE SOLUTION
NO POWER.	<ul style="list-style-type: none"> • Check the power plug is securely fitted to the power outlet. • Check the on/off button on the front of the player is set to on. • Check if there is power at the AC outlet by plugging in another appliance. • Check the DVD player is not in "Standby".
DVD PLAYER FAILS TO FUNCTION.	<ul style="list-style-type: none"> • If the player fails to operate (remote control or front panel controls do not work, but display indicates some operation) switch the player OFF and then ON again. If the problem persists, refer to qualified technical personnel.
PLAY FAILS TO START WHEN PLAY IS PRESSED.	<ul style="list-style-type: none"> • Check if the disc is defective by trying another disc. • Check disc is a suitable format.
PLAY COMMENCES BUT THEN STOPS.	<ul style="list-style-type: none"> • The disc may be dirty and may require cleaning. (See "distorted picture").
NO PICTURE.	<ul style="list-style-type: none"> • Ensure that the equipment is connected properly. • Ensure that the input setting for the TV is "Video" or "AV". • Check the TV is switched on.
NO SOUND.	<ul style="list-style-type: none"> • Ensure that the equipment is connected properly. • If using a HiFi amplifier, try another sound source. • Check the Audio Output Setting menu to make sure that the correct audio output is selected.
DISTORTED SOUND.	<ul style="list-style-type: none"> • Ensure that the input settings for the TV and stereo system are suitable. <p>NOTE: Sound is heard during still picture (pause), slow-motion play or fast forward/reverse play.</p>
NO AUDIO AT DIGITAL OUTPUT.	<ul style="list-style-type: none"> • Check the digital connections. • Check the settings menu to make sure that the digital output is set to on. • Check if the audio format of the selected audio language matches your receiver capabilities.
DISTORTED PICTURE OR PICTURE IN BLACK AND WHITE.	<ul style="list-style-type: none"> • Check the disc for fingerprints and clean with a soft cloth, wiping from centre to edge. • The disc format is not suitable for the TV-set used. Select correct standard PAL/NTSC for TV used.
PICTURE IS DISTORTED DURING FAST ADVANCE OR REVERSE.	<ul style="list-style-type: none"> • The picture will be somewhat distorted when not in "PLAY" mode, this is normal.

TROUBLE SHOOTING

PROBLEM	POSSIBLE SOLUTION
NO FAST FORWARD (OR FAST REVERSE) PLAY.	<ul style="list-style-type: none"> • Discs have sections which prohibit rapid advance or reverse.
INCORRECT PICTURE SIZE.	<ul style="list-style-type: none"> • Choose the correct setup “TV DISPLAY” item which matches the TV set used. • Check TV settings.
NO OPERATIONS CAN BE PERFORMED WITH THE REMOTE CONTROL.	<ul style="list-style-type: none"> • Check the batteries are installed with the correct polarity. • The batteries may be depleted: replace them with new ones. • Point the remote control unit at the remote control signal sensor on the front panel. • Operate the remote control unit at a distance of no more than 7 metres from the remote control signal sensor. • Remove any obstacles between the remote control unit and remote control signal sensor.
DISC DOES NOT PLAY.	<ul style="list-style-type: none"> • Check the parental setup.
AUDIO SOUNDTRACK AND/OR SUBTITLE LANGUAGE IS NOT THE ONE SELECTED AT THE INITIAL SETTINGS.	<ul style="list-style-type: none"> • If the audio soundtrack and/or subtitle language does not exist on the disc, the language selected at the initial settings is not available.
NO SUBTITLES.	<p>NOTE: Not all discs support subtitles.</p> <ul style="list-style-type: none"> • Subtitles are not selected. Press SUBTITLE to display the subtitles.
ALTERNATIVE AUDIO SOUNDTRACK (OR SUBTITLE) LANGUAGES CANNOT TO BE SELECTED.	<ul style="list-style-type: none"> • An alternative language may not be available on some discs.
AUDIO LEVEL TOO LOW.	<ul style="list-style-type: none"> • Most DVD soundtracks have very wide dynamic range, covering from near silence to intense explosions. To support this dynamic range and avoid distortion in reproducing loud and percussive sounds, the average sound volume must be lower than on devices with a smaller dynamic range (such as CD players or VCRs)
ERROR MESSAGE ON DVD/TV DISPLAY READING “NO DISC”	<ul style="list-style-type: none"> • No disc in disc tray. • Disc upside down (should be printed side up). • Faulty or unsuitable disc.

GLOSSARY OF DVD VIDEO AND AUDIO TERMS

AC-3. Earlier name for Dolby Digital (digital coding of a number of audio tracks into a digital data bit stream).

Angle. Recorded onto some DVD discs are scenes which have been simultaneously shot from a number of different angles (the same scene is shot from the front, from the left side, from the right side, etc.). With such discs, the ANGLE button can be used to view the scene from different angles.

Aspect ratios. The ratio of the width of a TV screen to its height. The standard television screen is 4 units wide by 3 units high or a ratio of 4:3. A widescreen television has an aspect ratio of 16:9. One problem is that cinema screens and TV screens use different aspect ratios, which results in either "letter box" black stripes top and bottom of a TV picture, or black bars on either side of the TV picture. (See Set Up options, and also your TV set up instructions). The "Anamorphic Widescreen" technique allows for better picture quality without altering a film's aspect ratio. When film is put onto DVD, the image is stretched vertically to give better vertical resolution. DVD players are designed to compensate for this, which can cause distortion depending on the type of TV and how it is set up (refer to the TV instruction manual).

Chapter Number. A DVD disc title is subdivided into many chapters, each of which is numbered, and specific parts of video presentations can be searched quickly using these numbers.

Dolby Digital. Digital surround audio system for up to 6 discrete sound channels (5 full-range channels plus one Low frequency effects channel). The DVD 150 includes a 5:1 Dolby Digital decoder giving 6 channels of analogue audio. All DVD players output Dolby digital in bit stream format via optical/coaxial digital outputs. Sound quality using a DVD decoder is considered better than using digital surround amplifier system with a decoder.

DTS (Digital Theatre Systems). Digital audio coding system similar to Dolby Digital using different data reduction methods.

DVD. A storage medium with capacities ranging from a single-sided, single-layer disc at 4.7 GB, to a double-sided, double-layer disc at 17 GB. There are five types of high capacity DVD discs. DVD-Video and DVD-ROM are used for the entertainment industry to enable interactive playback of full-length movies and graphic-intensive computer games. computer games. DVD-R and DVD-RAM are mainly for use on a computer, being in "write once only" and "rewritable" formats respectively. DVD-Audio is for the music industry enabling vast amounts of high-quality audio on one DVD-Audio disc. DVD 150 players do not support DVD Audio discs.

Firmware. DVD controller software, stored on a programmable chip within the DVD player. Upgradeable through a firmware Update Patch - contact the Acoustics Solutions Help line for further information (website www.acousticsolutions.co.uk).

MacroVision. Copy protection system degrades DVD signals when trying to record

onto a VCR. Ideally try not to have a VCR connected into an AV system with a DVD player.

MPEG (Moving Picture Experts Group). The name of the group of standards used for compressing audio and video data. MPEG Video files have the mpg or dat extension and MPEG Audio files have the file extension mp1, mp2, mp3. MPEG-1 has two channels of audio, MPEG-2 currently up to 7.1 channels, and is a standard for compressed video that is used in DVDs.

MP3 (MPEG Audio Layer 3). Refers to an audio coder/decoder where an original audio source is compressed with very little loss in sound quality. It is the most popular compression method because of its high compression, which makes it much more practical for down loading from the Internet and storing audio data.

NTSC. The TV standard used in America and the Far East, using 525 horizontal lines refreshed at 60 Hz.

PAL. The European TV standard using 625 horizontal lines refreshed at 50 Hz.

NOTE: The DVD 150 is able to play either NTSC or PAL discs, and can output to a TV of either standard, or a multi-standard TV capable of displaying both standards.(See set up options)

Pan and Scan. Where the visible part of a wide screen film shown on the TV screen is moved to show where the action is happening.

PCM - Pulse Code Modulation. An uncompressed encoding method for digital audio, which is the audio format for recording music CDs.

Pro Logic. Dolby Surround Pro Logic decodes the Dolby Surround sound track from the encoded two channels on the DVD disc into four channels - front left and right, centre, and a surround channel. The main sound tracks are the front left and right channels, with dialogue and other central (from the screen) sounds coming from the centre channel speaker (usually mounted on top of the TV).

Subtitles. These are displayed at the bottom of the screen and are a translation or transcription of dialogue. Available on most DVD discs.

Time. This is a display of the play time which has elapsed from the start of a disc or a title. It can be used to find a specific scene quickly. (Some discs do not have this feature.)

Title Number. These are recorded on DVD discs when a disc contains two or more movies. Separate movie's features are numbered as title 1, title 2, etc.

Track Number. These are assigned to tracks which are recorded on most audio CDs. They enable specific tracks to be located quickly.

THX. A quality control system for ensuring optimum sound quality. Reproduction is maintained throughout the many processes involved in making a soundtrack.

CONTACT DETAILS

We trust you are completely satisfied with this product from Acoustic Solutions Limited, however please feel free to contact us if you experience any difficulties, or if you would like to express your views regarding our products.

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